

## TOWNSHIP 13 NORTH, RANGE 66 EAST

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the North Boundary; the boundaries of sec. 5 and the survey of Tract No. 37, located in the NE  $\frac{1}{4}$  of sec. 5, T. 13 N., R. 66 E.

The exterior boundaries and subdivisional lines of T. 13 N., R. 66 E., were surveyed by E. B. Monroe and A. G. Bateman, Deputy Surveyors, in 1871.

The boundaries of section 5 and the north boundary of section 6 were investigated in 1965.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the field note record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations. In order to simplify the record, the true line notes only are supplied herewith which refer to the completed survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated November 15, 1966.

The direction of the lines of the survey were determined by sustained angulation carried forward from the line between USC&GS triangulation stations "ELY WEST BASE" and "ELY EAST BASE".

The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field note record.

The geographic position of the cor. of secs. 4, 5, 8, and 9, T. 13 N., R. 66 E., is latitude  $39^{\circ} 00' 48.3''$  N. and longitude  $114^{\circ} 34' 39.8''$  W., as determined by a direct tie from the USC&GS, triangulation station Ely West Base to the NE. cor. of sec. 5, T. 13 N.; R. 66 E.

The magnetic declination was read at a number of stations throughout the survey and it was determined to be  $17^{\circ}$  E.

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DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY  
T. 13 N., R. 66 E.

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Reestablishment of a Portion of the Survey Executed by  
E. B. Monroe and A. G. Bateman, Deputy Surveyors, in 1871.

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